Zebra Mussel News



MAY 8, 2006 VOLUME 2, NUMBER 1

Zebra Mussel Tidbits...

Zebra mussels are notorious for their bio-fouling capabilities by colonizing water supply pipes of hydroelectric and nuclear power plants, public water supply plants, and industrial facilities. They colonize pipes constricting flow, therefore reducing the intake in heat exchangers, condensers, fire fighting equipment, and air conditioning and cooling systems. Zebra mussel densities were as high as 700,000/m² at one power plant in Michigan and the diameters of pipes have been reduced by two-thirds at water treatment facilities.

http://nas.er.usgs.gov/quer ies/FactSheet.asp?species ID=5

Treatment has begun!!!!!

EVAC Introduction began at 8:30 am. We hope that the feed will continue through until tomorrow morning at approximately the same time. If there is a change to this time you will be notified via the Zebra Mussel News.

Post Treatment Meeting

The Post Treatment Meeting is scheduled for tomorrow morning, time is TBA in the FESS Meeting Room at Site 38 called the OR You will be notified of the time via the Zebra Mussel News and date if it changes.

Progress...

We've just started – the EVAC has been injected into the ICW system at Casey's Pond. No sign of the chemical as of yet! That is usually a sign that the fouling of the system is pretty bad, because the EVAC is consumed before the test point.

We expect shipment of more EVAC on site tomorrow morning. From what we are seeing now, we believe it likely that some of that EVAC will be consumed in this treatment cycle. Especially from what we are seeing at our test points.

More to come later in the day...

Schedule

May 8 – Begin EVAC Intro (7:00-8:00 am)

Send updates to those on email listing

Perform EVAC presence and amine testing

Shift Change (7pm)

May 9 – Clean Up all equipment at Casey's Pond (7:00-8:00 am)

Meet at Site 38 OR (9 or 10 am)

May 10 – Begin 24 hour system flushing.

Continue monitoring system for signs of early or unusual fouling. Please notify us if you see unusual flow or anything of note with regard to the ICW system.

Pond Temperature 60.2 °F

If you do have questions contact:

Anne Lucietto x-8506 or long range pager 266-9369

Or

Greg Gilbert x-6835 or long range pager 722-7609

Please let us know if you know of someone that should be included in the distribution of this information! Send their name/email address to Anne at lucietto@fnal.gov.